Notebook, N-12-03-15.2

Goldstein 573
Dried in Covered desiccator
½" hole 237 27.2 7317
Dried 147 days in vacuum 7360

	5003	1227
	5004	1217

Goldstein 574
Dried in Covered desiccator 7858
Dup of 5003 253 27.4 7890

	5005	1197
	5006	1217

Goldstein 583 6236
193 6232
broke

	5007	1110
	5008	1113

Goldstein 586 7323
1% Cobalt 240 26.7 7353

	5009	1200
	5010	1280

Goldstein 587 1% Cobalt
238 7591
7625

	5011	1200
	5012	1193

854 mixed with Cenky Diamalt OX
flour 100 on 190
21K 2 Li 2 Zirconate Soda 7932
264 7911

	5013	1107
	5014	1113

Dup 5013
Except 21K 2 Li 2 Titanate Soda
265

	5015	827
	5016	1150

Goldstein 591 4% $Bi_2(CH_3)_3$
4 272 6598
212 6708

	5017	1260
	5018	1287

Goldstein 600 MoO_3 from
$MoCl_2$ 414 - 4-27 6627
214 6604

	5019	1000
	5020	1000

50	½	H	100	½	H
1377	1393	583	1433	1457	770
1363	1383	573	1423	1453	780
1327	1343	527	1387	1433	747
1383	1400	527	1500	1533	800
1187	1193	470	1273	1297	750
1250	1280	513	1300	1330	690
1400	1420	523	1460	1483	593
1393	1410	503	1443	1430	557
1400	1420	567	1453	1487	650
1397	1410	533	1487	1517	760
1333	1490	957			
1243	1493	930			
633	1517	930			
783	1483	897			
1483	1490	983	1547	1573	970
1490	1500	1027	1560	1597	633
813	830	403			
1000	1020	460			

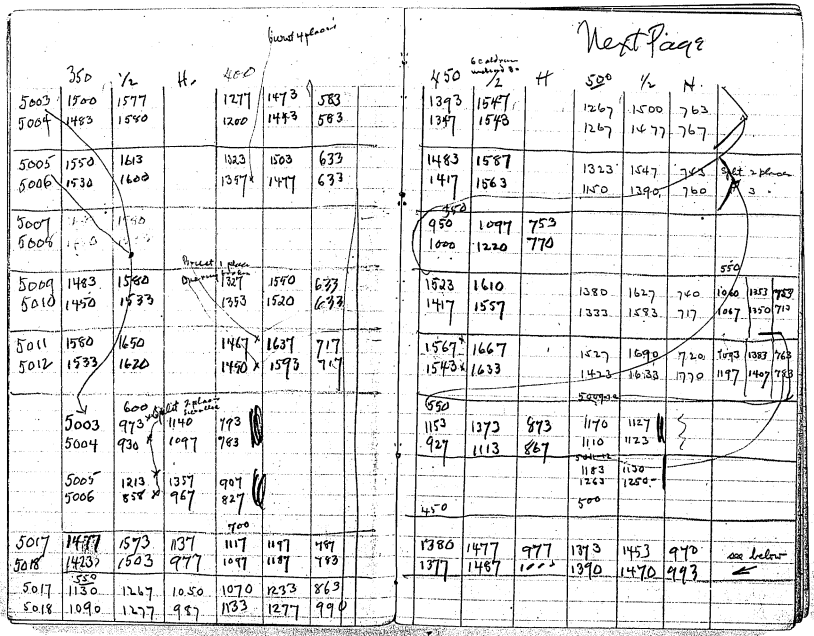
	150			200	½	H
5003	1437	1477	573	1493	1567	610
5004	1430	1467	590	1477	1567	687
5005	1397	1447	550	1487	1540	657
5006	1490	1553	627	1600	1667	757
5007	1257	1317	627			
5008	1250	1317	643			
5009	1433	1483	623	1513	1577	677
5010	1423	1467	550	1510	1567	677
5011	1447	1497	573	1573	1633	707
5012	1500	1537	597	1577	1617	650
5017	1550	1600	1083	1467	1567	1010
5018	1570	1617	1190	1467	1570	1020
5013	1177	1290	963			
5014	1130	1253	897			

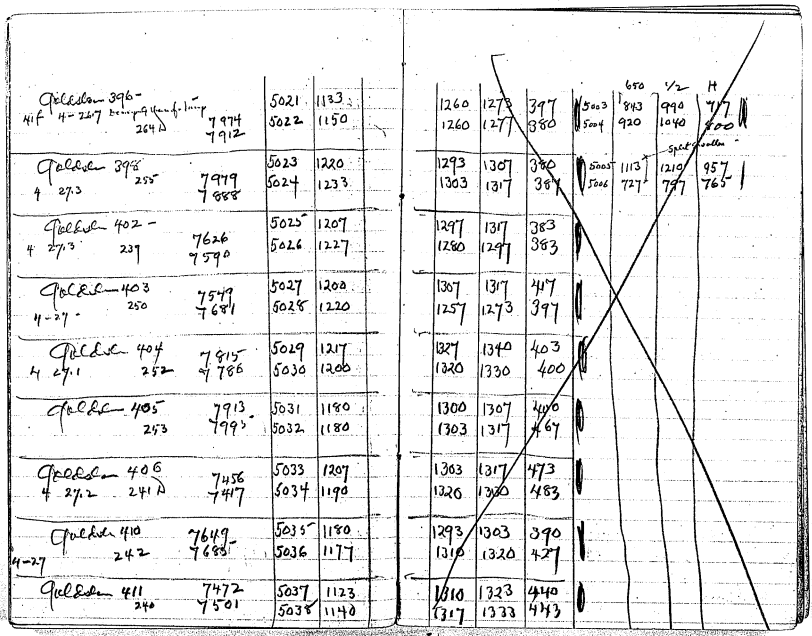
Water low Loading slot

Cant see

	250	½	H	300	½	H
	1583	1547	820	1547	1603	610
	1507	1550	850	1527	1590	617
	1523	1587	860	1580	1637	616
	1610	1667	877	1620	1657	847
	1610	1667	900	1527	1600	723
	1577	1633	813	1617	1580	750
				1613	1680	807
				1590	1647	717
	1533	1580	1037	1457	1510	973
	1520	1573	987	1453	1503	927

Cold room

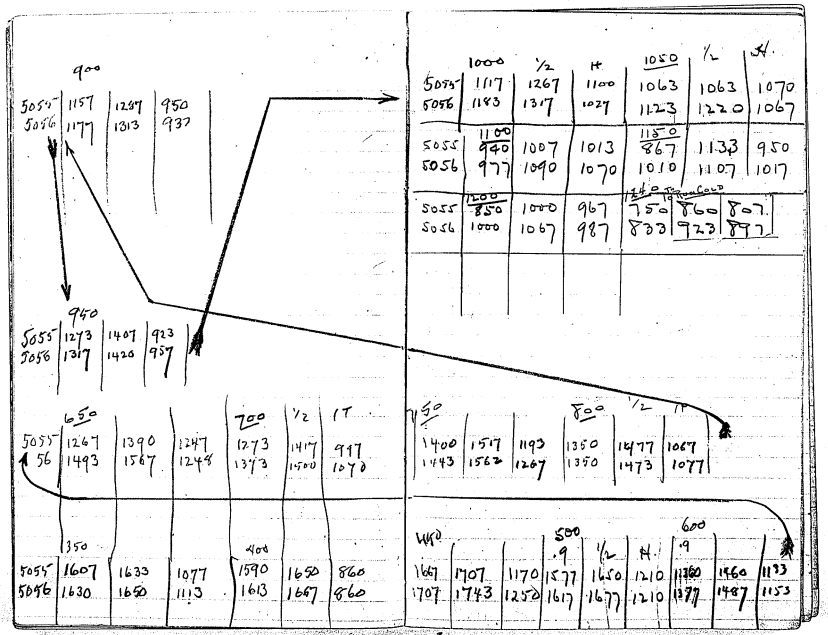

Next Page
350
½
H.
400
Board Up Hours
5003 1500 1577 1277 1473 583
5004 1483 1540 1200 1483 583
5005 1550 1613 1323 1503 633
5006 1530 1600 1357 1477 633
5007
5008
5009 1483 1580 1327 1580 633
5010 1450 1533 1353 1520 633
5011 1580 1650 1467 1637 717
5012 1533 1620 1450 1573 717
600
5003 973
5004 930
1140 793
1097 783
5005 1213
5006 858
1357 907
967 827
700
5017 1477 1573 1137 1117 1197 787
5018 1423 1503 977 1097 1187 783
550
5017 1130 1267 1050 1070 1233 863
5018 1090 1227 987 1133 1277 990
450
½
H
500
½
H
1393 1547 1267 1500 763
1347 1548 1267 1477 767
1483 1587 1323 1547 763
1417 1563 1150 1390 760
450
950 1097 753
1000 1220 770
1523 1610 1380 1627 760
1417 1557 1333 1583 717
1567 1667 1527 1690 720
1543 1633 1423 1633 770
550
1153 1373 873 1170 1127
927 1113 867 1110 1123
1183 1130
1263 1250
500
450
1380 1477 977 1373 1453 970
1377 1487 1390 1470 993
see below
Next Page
1040 1382 763
1067 1350 717
1093 1383 763
1197 1407 783

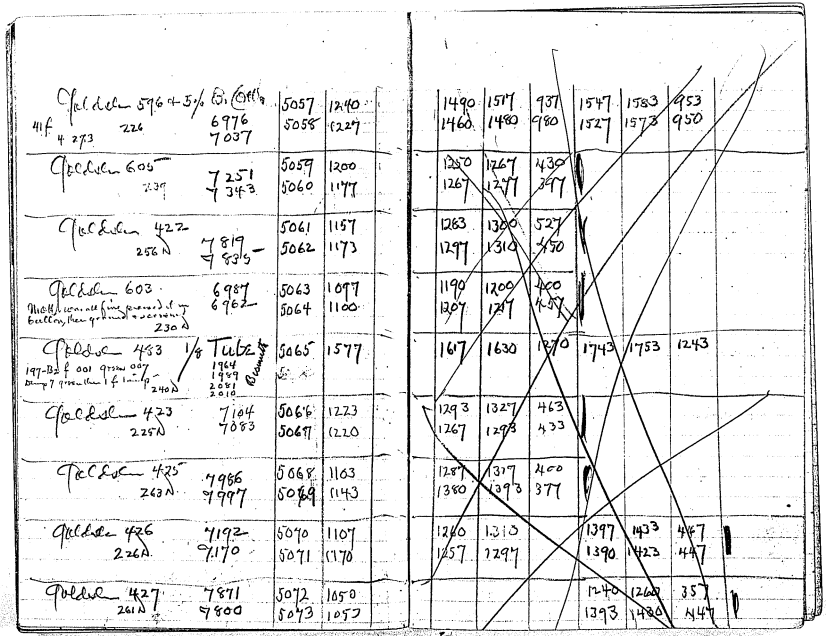


Phenomenal Recon
170" Mah after 450 Run
Low Load Set

Golden 412		7143	5039	1127		1287	1297	423			
4 27	230 D	7210	5040	1133		1293	1300	390			
Golden 413		7386	5041	1177		1300	1310	403			
	239 D	7361	5042	1183		1317	1320	393			
4 27											
Golden 416		7850	5043	1180		1313	1320	420			
4 26.6	257	7994	5044	1177		1360	1310	447			
Golden 418		7572	5045	1127		1333	1350	407			
	244	7487	5046	1180		1320	1330	387			
Golden 420		7865	5047	1133		1320	1330	387			
	255 D	7886	5048	1140		1330	1333	360			
Golden 421		7707	5049	1130		1287	1297	337			
	240	7706	5050	1139		1280	1287	340			
Golden 568		7795	5051	1243		1307	1323	433			
4/27	254 D	7846	5052	1237		1313	1330	463			
Golden		6105	5053	1067		120	1133	537			
4 27	198 D	6137	5054	1090		1177	1187	560			
Golden 595		7329	5055	1250		1547	1557	1047	1683	1723	1007
4 27.1	238 D	7405	5056	1253		1567	1577	1053	1680	1700	937

5054	1703	1720	1200	1640	1710	1023	1613	1630	880	1660	1683	1157	
5056	1690	1707	1223	1683	1733	1020	1580	1593	917	1637	1660	967	

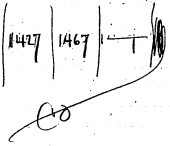

900
5055 1157 1287 950
5056 1177 1313 937
950
5055 1273 1407 923
5056 1317 1420 957
650
5055 1247 1390 1247
56 1493 1567 1248
350
5055 1607 1633 1077
5056 1630 1650 1113
700
1273 1417 997
1373 1500 1070
400
1590 1650 860
1613 1667 860
1000 1/2 H 1050 1/2 H
5055 1117 1267 1100 1063 1063 1070
5056 1183 1317 1027 1123 1220 1067
1100 1150
5055 940 1007 1013 867 1133 950
5056 977 1090 1070 1010 1107 1017
1200 1250 1300 1350
5055 850 1000 967 750 860 807
5056 1000 1067 987 833 923 897
950 800 1/2 H
1400 1517 1193 1350 1477 1067
1443 1562 1267 1350 1473 1077
WK9 500 .9 1/2 H .9 600
1667 1707 1170 1577 1650 1210 1560 1133
1707 1743 1252 1617 1677 1210 1587 1153

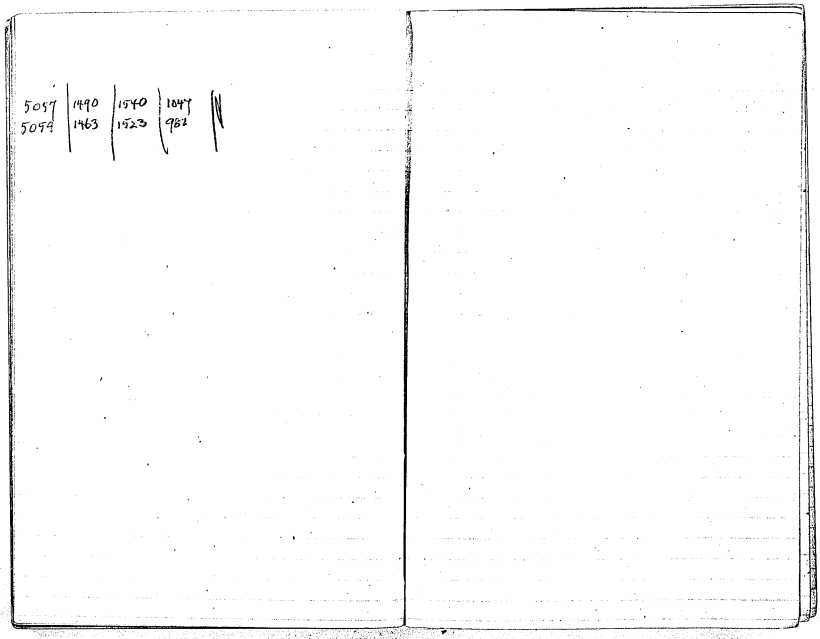


5057	1547	1610	1010	1487	1573	1047
5059	1527	1593	977	1483	1567	957

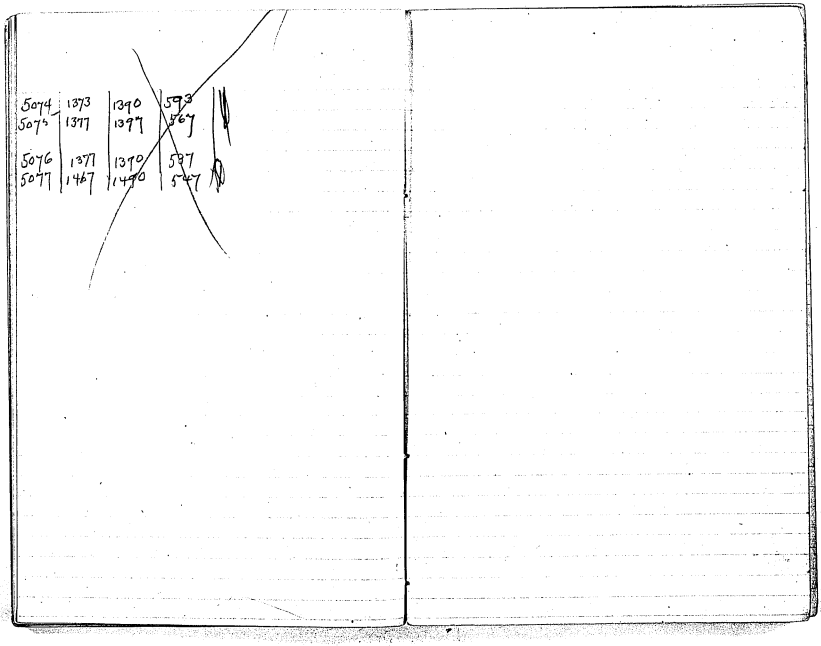
1487	1523	1040	1490	1557	1020	
1480	1530	967	1509	1560	1023	

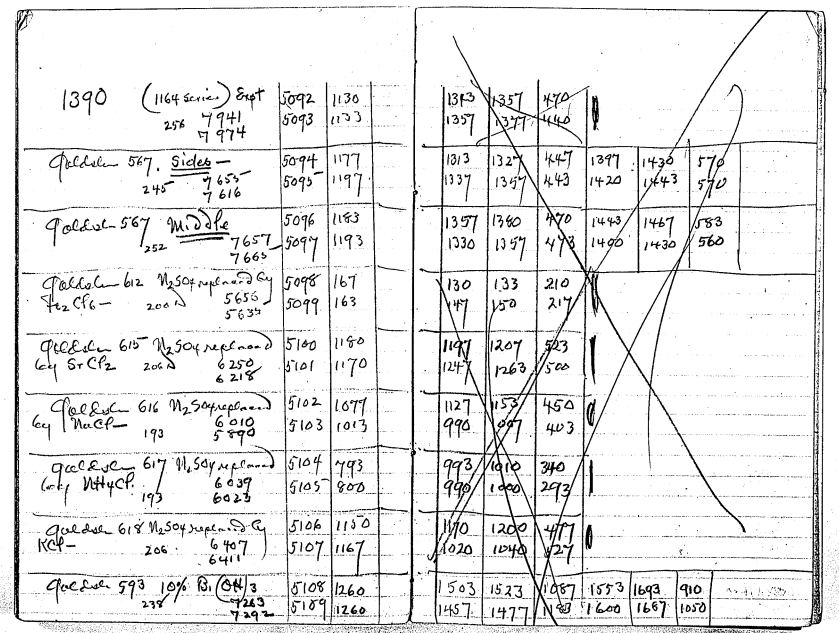
5065	1860	1877	1280	1427	1467	




5057 1490 1540 1047
5054 1463 1523 982

								100	1/2	14	
Gridder 428	7413	5074	1210	1313	1333	493	1393	1420	590		
240	7383	5075	1213	1327	1353	497	1420	1447	587		
Gridder 429	7545	5076	1187	1329	1390	460	1357	1387	513		
242	7898	5077	1190	1420	1437	407	1467	1493	573		
Ra 1341 Reg	7580	5078	1180	1270	1283	423					
264	7581	5079	1177	1260	1273	410					
Ra 1342 Reg		5080	1160	1250	1293	417					
	7726	5081	967	1243	1260	337					
1343	7578	5082	1113	1200	1220	457					
271	7595	5083	1150	1243	1260	453					
1344	7530	5084	1120	1250	1263	460					
269	7615	5085	1117	1267	1297	430					
1345	7629	5086	1127	1250	1263	400					
265	7549	5087	1100	1193	1200	357					
1346	7485	5088	1113	1197	1203	467					
269	7500	5089	1100	1200	1220	504					
Lot 50 Nuflake 1252 W.	239 743 7493 7360	5090	1243	1347	1360	563					
		5091	1220	1257	1303	593					

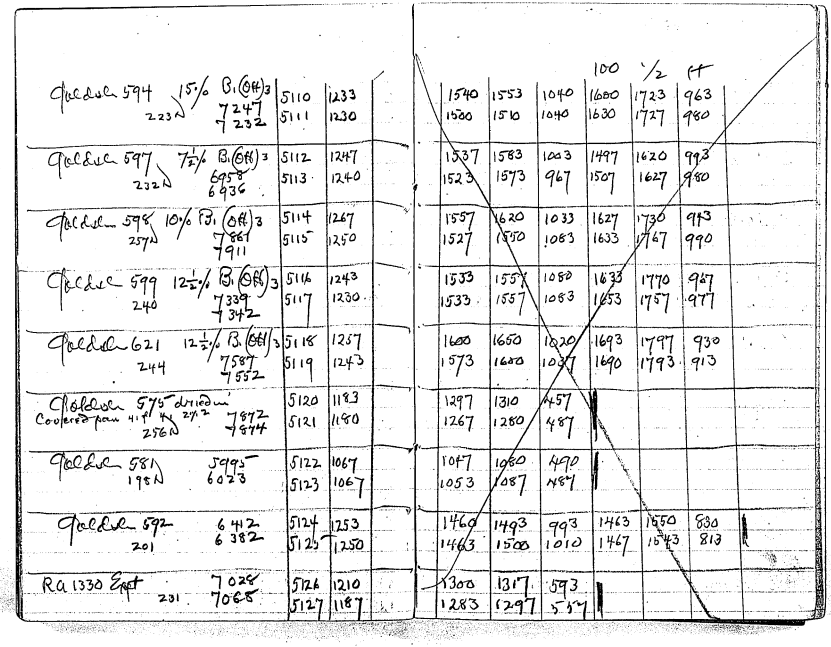

5074 1373 1390 593
5075 1377 1397 567
5076 1377 1370 597
5077 1467 1490 547


1390 (1164 series) Expt
258 7741 7974
5092 1130
5093 1133
1383 1357 470
1357 1377 1460
Galdolin 567. Sides —
245 7655 7616
5094 1177
5095 1197
1313 1327 447 1397 1430 570
1337 1354 443 1420 1443 570
Galdolin 567 Middle
252 7657 7665
5096 1183
5097 1193
1357 1380 470 1443 1467 583
1330 1357 478 1400 1430 560
Galdolin 612 N2SO4 repeated by H2Cl6 — 200 ul 5655 5634
5098 167
5099 163
130 133 210
147 150 217
Galdolin 615 N2SO4 repeated by SrCl2 200 ul 6250 6218
5100 1180
5101 1170
1147 1207 523
1247 1263 500
Galdolin 616 N2SO4 repeated by NaCl 193 6010 5890
5102 1077
5103 1013
1127 1153 450
990 997 403
Galdolin 617 N2SO4 repeated by NH4Cl 193 6039 6023
5104 793
5105 800
993 1010 340
990 1000 293
Galdolin 618 N2SO4 repeated by KCl 206 6407 6411
5106 1150
5107 1167
1170 1200 477
1020 1040 427
Galdolin 593 10% Bi(OH)3 238 7283 7292
5108 1260
5109 1260
1503 1523 1087 1553 1693 910
1457 1477 1483 1600 1687 1050

5094	1387	1413	610	
5095	1393	1433	597	
5096	1440	1463	660	
5097	1377	1390	563	

5108	1620	1750	1110	1490	1713	1083
5109	1597	1677	1260	1493	1687	1087

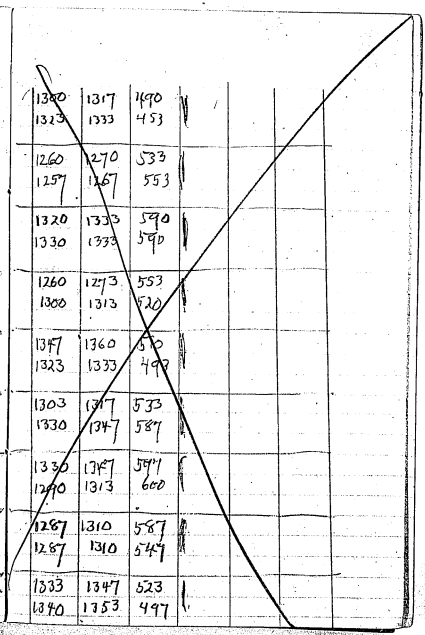
1423	1580	1147
1490	1577	1147



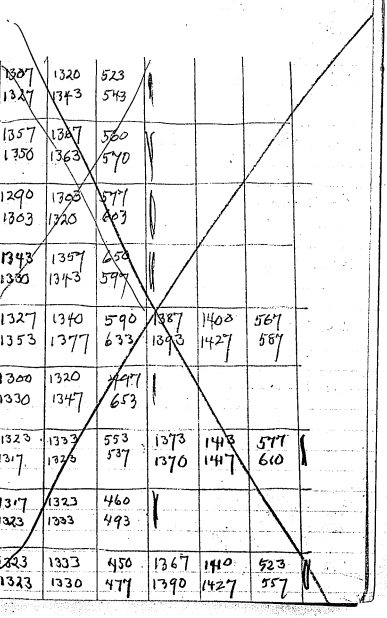
	150	½	H						
5110	1657	1697	1110	1593	1710	1110	1490	1570	1137
5111	1666	1687	1073	1593	1730	1067	1487	1573	1150
5112	1533	1643	1030	1480	1593	940	1483	557	1050
5113	1483	1660	1030	1440	1593	983	1477	1537	1053
5114	1650	1730	1157	1577	1687	1113	1487	1543	1170
5115	1650	1753	1150	1577	1720	1063	1550	1630	1130
5116	1683	1797	1093	1577	1730	1033	1527	1597	1187
5117	1710	1730	1173	1490	1713	1117	1520	1610	1153
5118	1717	1743	1127	1600	1713	1163	1500	1567	1160
5119	1717	1770	1143	1606	1720	1150	1513	1590	1153

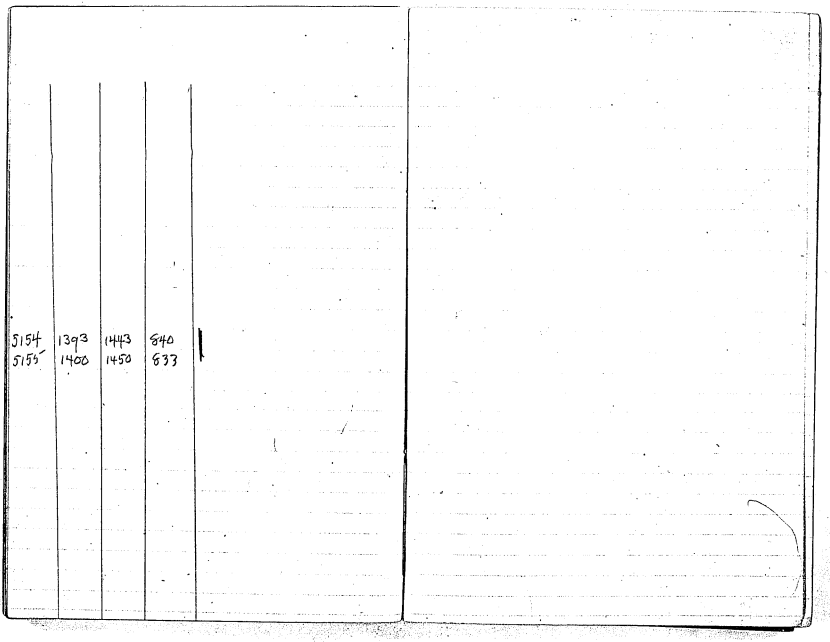
Hereafter acc Ra Req put up
4f 27. one Tramp — Ter. Exp. from Mount of Mountains

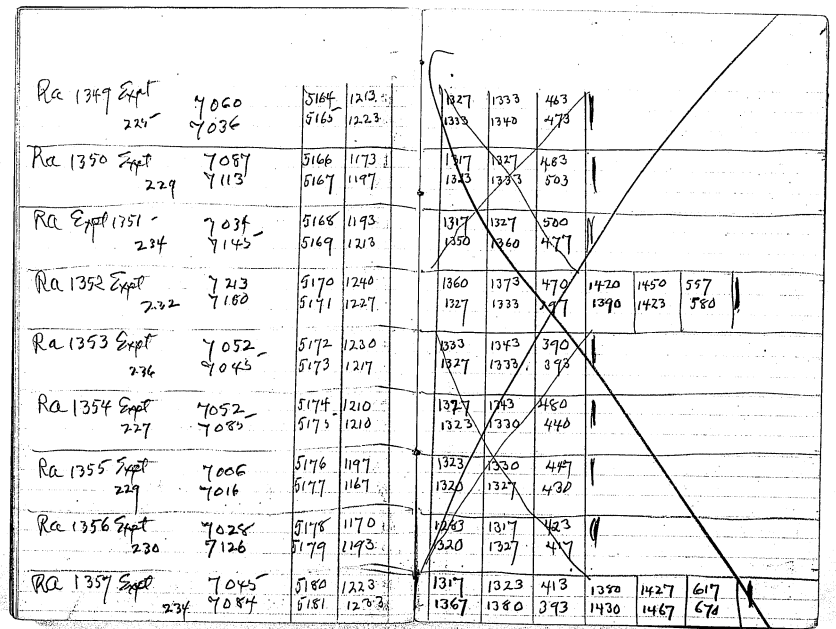
Ra 1331 Expt. 233	7200	5128	1180	1360	1317	1490		
	7240	5129	1193	1323	1333	453		
Ra 1332 Expt 232	7051	5130	1150	1260	1270	533		
	7078	5131	1153	1257	1267	553		
Ra 1333 229	7.155	5132	1197	1320	1333	590		
	7134	5133	1197	1330	1333	590		
1334 232	7124	5134	1183	1260	1273	553		
	7120	5135	1183	1300	1313	520		
1335 235A	7130	5136	1220	1347	1360	570		
	7144	5137	1207	1323	1333	497		
1336 237	7154	5138	1193	1303	1317	533		
	7182	5139	1223	1330	1347	587		
Ra 1337 Expt. 231	7054	5140	1223	1330	1347	597		
	7099	5141	1240	1290	1313	660		
Ra 1338 Expt. 228	7117	5142	1193	1287	1310	587		
	7193	5143	1217	1287	1310	547		
Ra 1339 Expt 240	7323	5144	1220	1333	1347	523		
	7397	5145	1243	1340	1353	497		

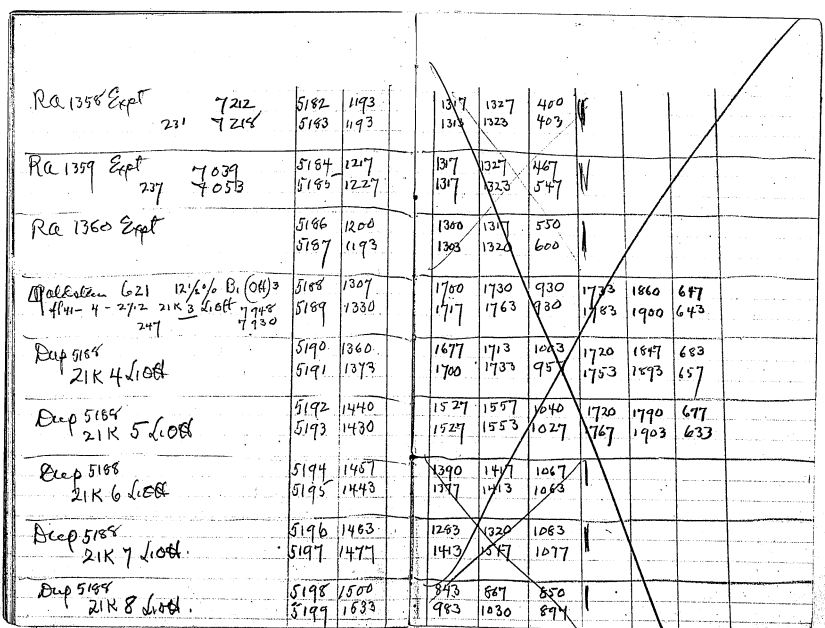


Ra 1340 Expt 238	7251	5146	1217	1307	1320	523					
	7228	5147	1233	1327	1343	543					
Ra 1341 Expt 231	7361	5148	1227	1357	1327	560					
	7353	5149	1247	1350	1363	570					
Ra 1342 Expt 233	7102	5150	1207	1290	1305	577					
	7168	5151	1200	1303	1320	603					
Ra 1343 Expt 238	7375	5152	1223	1343	1357	550					
	7383	5153	1223	1380	1343	597					
Ra 1344 Expt 231	7170	5154	1213	1327	1340	590	1387	1403	567		
	7154	5155	1213	1353	1377	633	1393	1427	587		
Ra 1345 Expt 235	7125	5156	1257	1300	1320	497					
	7110	5157	1240	1330	1347	653					
Ra 1346 Expt 227	7098	5158	1197	1323	1333	553	1373	1413	577		
	7060	5159	1197	1317	1323	537	1370	1417	610		
Ra 1347 Expt 230	7078	5160	1197	1317	1323	460					
	7074	5161	1197	1323	1333	493					
Ra 1348 Expt 236	7140	5162	1213	1323	1333	450	1367	1410	523		
	7111	5163	1227	1323	1330	477	1390	1427	557		




5154 1393 1443 840
5155 1400 1450 833


Ra 1349 Expt 225
7060 7036
5164 5165 1213 1223
1327 1333 463
1339 1340 478
Ra 1350 Expt 229
7087 7113
5166 5167 1173 1197
1317 1323 483
1335 1333 503
Ra Expt 1351 234
7034 7145
5168 5169 1193 1213
1317 1327 500
1350 1360 477
Ra 1352 Expt 232
7213 7180
5170 5171 1240 1227
1360 1373 470
1327 1333 477
1420 1450 557
1390 1423 580
Ra 1353 Expt 236
7052 7045
5172 5173 1230 1217
1333 1343 390
1327 1333 398
Ra 1354 Expt 227
7052 7085
5174 5175 1210 1210
1327 1343 480
1323 1330 446
Ra 1355 Expt 229
7006 7016
5176 5177 1197 1167
1323 1330 447
1320 1327 430
Ra 1356 Expt 230
7028 7126
5178 5179 1170 1193
1303 1317 423
1320 1327 417
Ra 1357 Expt 234
7045 7084
5180 5181 1223 1233
1317 1323 413
1367 1380 393
1380 1427 617
1430 1467 676


Ra 1358 Expt
7212
231 7214
5182 1193
5183 1193
1317 1327 400
1318 1323 403
Ra 1359 Expt
7039
237 7053
5184 1217
5185 1227
1317 1327 467
1317 1323 547
Ra 1360 Expt
5186 1200
5187 1193
1300 1317 550
1308 1320 600
Malakoken 621 12½% Bi(OH)3
4141-4-27.2 21K 3 Lioff 7748 7730
247
5188 1307
5189 1330
1700 1730 930 1733 1860 647
1717 1763 930 1783 1900 643
Dep 5188
21K 4 Lioff
5190 1360
5191 1373
1677 1713 1083 1720 1847 683
1700 1733 953 1753 1893 657
Dep 5188
21K 5 Lioff
5192 1440
5193 1430
1527 1557 1040 1720 1790 677
1527 1553 1027 1767 1903 633
Dep 5188
21K 6 Lioff
5194 1467
5195 1443
1390 1417 1067
1377 1413 1063
Dep 5188
21K 7 Lioff.
5196 1463
5197 1477
1263 1320 1083
1443 1557 1077
Dep 5188
21K 8 Lioff.
5198 1500
5199 1533
843 887 850
983 1030 894

200 1/2 π

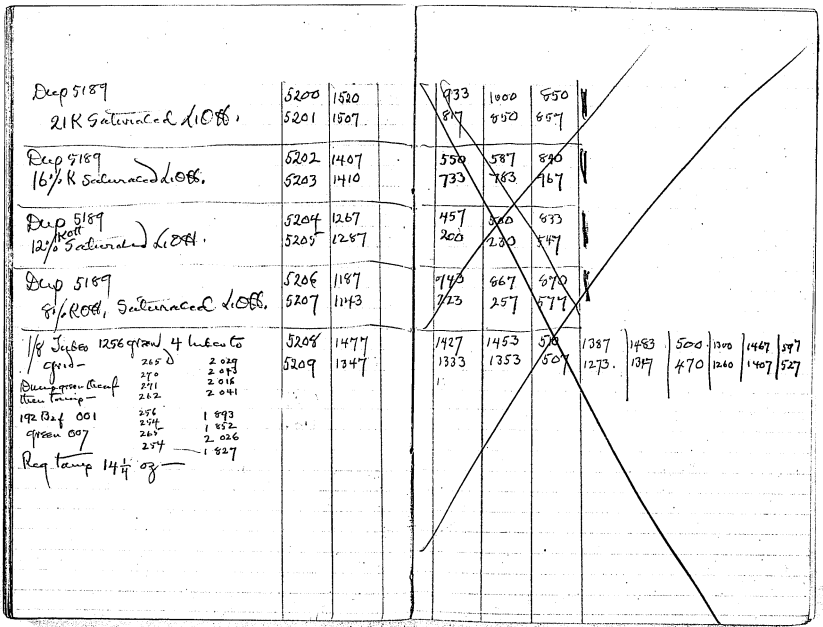
5188	1667	1833	1063	1753	1917	1023
5189	1643	1853	967	1657	1880	1013
5190	1633	1833	1030	1653	1867	1103
5191	1577	1717	1147	1603	1857	1073
5192	1573	1663	1023	1600	1780	1100
5193	1613	1710	1157	1597	1760	1067

1677	1743	997	1617	1720	1067
1623	1763	970	1593	1730	1023
1527	1713	960			
1457	1657	990			
1380	1553	993			
1380	1500	997			

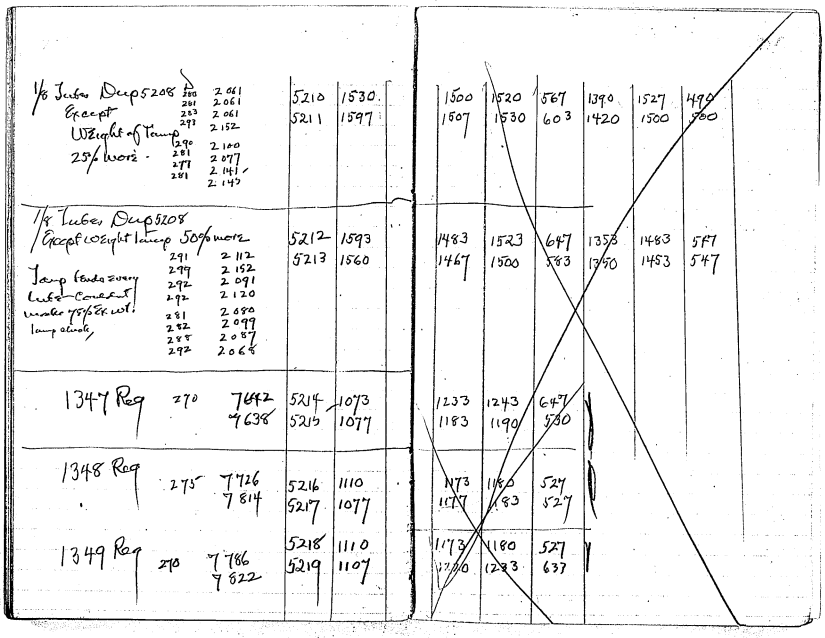
300 1/2 ∫ 60 dx · π

5198	1360	1580	1083	
5197	1317	1517	1173 x	

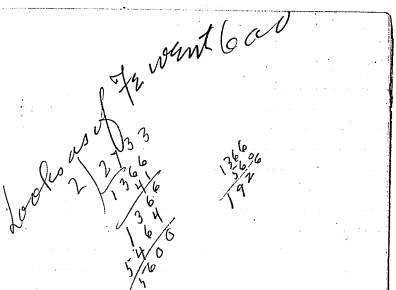
Beat by Ry


Dep 5189
21K Salivinaced Lloss.
5200 1520
5201 1507
933 1000 850
847 850 657
Dep 5189
16% K Salivinaced Lloss.
5202 1407
5203 1410
550 587 840
733 783 767
Dep 5189
12% Kcell Salivinaced Lloss.
5204 1267
5205 1267
457 500 633
200 230 547
Dep 5189
8% KOH, Salivinaced Lloss.
5206 1187
5207 1143
743 867 670
723 257 577
1/8 Jesse 1256 green 4 tubes to
1 each -
265 d 2 029
270 2 093
271 2 018
262 2 041
Dim green Cent
then temp -
192 Bef 001
256 1 893
254 1 852
269 2 026
274 1 827
green 007
Reg temp 14 1/4 oz -
5208 1477
5209 1347
1427 1453 570
1333 1353 507
1387 1483 500 1300 1467 587
1273 1317 470 1260 1407 527

5208	1303	1467	660	11
5209	1250	1400	657	


1/8 Tubes Dep 5208
Except
Weight of Lamp
25% more
290 2061
291 2061
293 2061
297 2152
290 2100
291 2077
297 2141
291 2147
5210 1530
5211 1597
1500 1520 567 1390 1527 490
1507 1530 603 1420 1500 580
1/4 Tubes Dep 5208
Except Weight Lamp 50% more
291 2112
299 2152
292 2091
292 2120
291 2080
292 2099
295 2087
292 2068
5212 1593
5213 1560
1483 1523 647 1358 1483 547
1467 1500 583 1340 1453 547
Lamp Voids every
Tube Except
make 95% Ex wt.
lamp check
1347 Req
270
7692
7638
5214 1073
5215 1077
1233 1243 647
1183 1190 580
1348 Req
275
7726
7814
5216 1110
5217 1077
1173 1180 527
1177 1183 527
1349 Req
270
7786
7822
5218 1110
5219 1107
1173 1180 527
1200 1233 637

5210	1433	1527	540	1333	1580	613	
5211	1443	1527	560	1400	1580	617	
5212	1317	1467	567	1267	1447	643	
5213	1317	1433	573	1267	1400	633	



Cat 52 flasks 24-404	1256 Nucl.	7516	5220	1190	1260	1277	679	1230	1280	623
		7530	5221	1217	1277	1297	650	1233	1307	644
Ra 1327 Expt	241	7447	5222	1183	1297	1317	480	1360	1383	543
		7470	5223	1180	1317	1327	500	1387	1400	570
Ra 1329 Expt	247	7706	5224	1206	1333	1350	433	1420	1430	543
		7734	5225	1207	1333	1353	477	1423	1440	570
Ra 1361 Expt	236	7270	5226	1200	1293	1313	633	1327	1363	623
		7299	5227	1238	1317	1330	607	1347	1387	610
Ra 1362 Expt	238 241	7374	5228	1230	1297	1317	567	1367	1400	583
		7427	5229	1217	1313	1330	470	1363	1400	500
Ra 1363 Expt	239	7300	5230	1227	1320	1330	470	1380	1400	497
		7344	5231	1233	1313	1327	450	1367	1400	540
Ra 1364 Expt	233	7265	5232	1214	1290	1310	500	1347	1380	517
		7296	5233	1227	1263	1283	517	1307	1340	540
Ra 1365 Expt		7187	5234	1227	1267	1287	573	1323	1357	540
		7208	5235	1227	1267	1290	683	1347	1400	513
Ra 1366 Expt.	238 240	7242	5236	1230	1257	1277	553			
		7234	5237	1200	1307	1327	477			

					50	½	H	100	½	1M	
Ra 1367 Expt. 236	7302	5238	1190		1307	1320	530				
	7221	5239	1187		1290	1307	607				
Ra 1368 Expt 232	7205	5240	1167		1260	1283	637				
	7230	5241	1206		1310	1327	623				
Ra 1369 Expt 240	7354	5242	1253		1360	1373	557	1367	1377	560	
	7382	5243	1250		1330	1347	557	1347	1373	560	
C&C&Cam 621 12½%		5244	1417		1750	1773	937	1777	1843	981	
$Bi_2(CO_3)_3$ 4hf 4.27.3	8040	5245	1433		1750	1770	937	1777	1850	947	
21K 7Li 3 coadd runs change to 21K2Li	8013										
Dep 5244	8000	5246	1456		1723	1733	930	1777	1820	920	
21K 4Li 6ht. after 3 Run coadd change to 21K2Li	7963	5247	1457		1760	1770	1003	1777	1937	1027	
Dep 5244 Cloff. after 21K 5Li 3 coadd change to 21K2Li	7972	5248	1447		1760	1783	933	1747	1843	947	
	7940	5249	1480		1767	1783	947	1777	1843	1017	
Dep 5244 21K 6Li after 3 coadd runs change to 21K2Li		5250	1513		1757	1773	1033	1755	1823	1080	
		5251	1493		1733	1763	1047	1733	1857	990	
Dep 5244 21K 7Li 6ht after 3 coadd runs change to 21K2Li		5252	1563		1767	1783	1010	1783	1810	1083	
		5253	1527		1750	1767	983	1717	1833	1043	
Dep 5244 21K8Li 6ht after 3 coadd runs change to 21K2Li		5254	1557		1613	1633	1103	1723	1817	993	
		5255	1557		1757	1783	997	1760	1837	970	

150 1/2 M

5244	1823	1880	930	1723	1910	950	
5245	1807	1883	960	1730	1923	970	
5246	1793	1847	1063	1730	1877	1090	
5247	1827	1870	950	1757	1907	1020	
5248	1797	1867	1060	1720	1893	980	
5249	1807	1867	950	1750	1910	983	
5250	1810	1883	973	1783	1910	1003	
5251	1787	1877	973	1720	1897	1003	
5252	1803	1893	980	1723	1903	983	
5253	1793	1880	987	1613	1867	987	
5254	1830	1867	860	1680	1920	977	
5255	1790	1857	967	1667	1873	963	

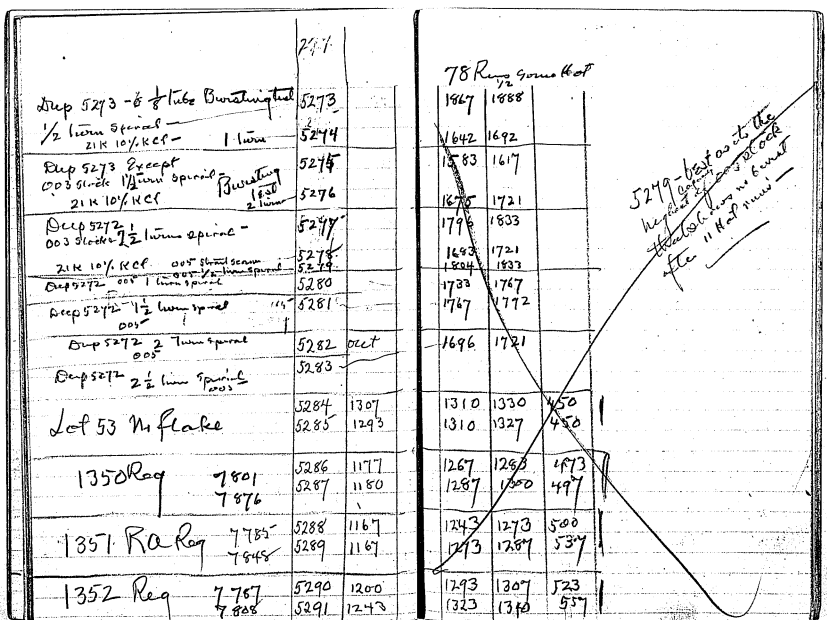
1623	1793	1003	1533	1730	1030		
1643	1787	983	1523	1717	1047		
1647	1780	997	1533	1717	1017		
1687	1800	1017	1573	1683	1020		
1683	1797	1000	1547	1720	1023		
1710	1817	987	1543	1717	1050		
1727	1830	970	1633	1763	1037		
1710	1810	947	1550	1720	1007		
1713	1820	990	1553	1727	1050		
1657	1787	950	1490	1723	987		
1653	1823	993	1580	1800	927		
1683	1780	953	1600	1750	987		

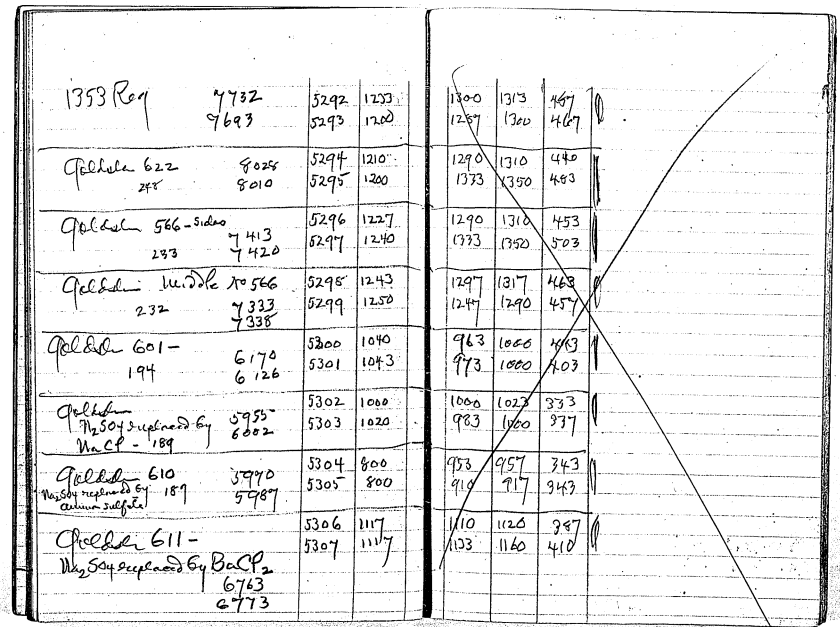
5244	1557	1693	950	1363	1547	1050	1450	1613	1310
5245	1500	1633	1030	1293	1477	1093	1250	1420	957
5246	1567	1660	1030	1400	1570	920	1333	1493	1060
5247	1580	1690	1033	1360	1520	1057	1293	1410	1037
5248	1593	1763	1027	1400	1553	1067			
5249	1580	1684	1053	1360	1477	1100			
5250	1650	1727	1167	1440	1560	1077			
5251	1600	1710	1103	1340	1500	1103			
5252	1563	1660	1050	1400	1567	967			
5253	1580	1707	1163	1440	1623	900			
5254	1600	1717	1037	1447	1620	1053			
5255	1590	1700	1050	1443	1627	967			
5256	1620	1733	1037	1413	1560	1053			
5257	1553	1673	1163	1383	1563	967			

Dup 5244 21K Salmonella Lioff. after 3 runs change to 21K 2 Li	5256	1590	1707	1730	1023	1733	1823	993
	5257	1597	1733	1773	1030	1667	1860	923
Dup 5244 21K 3 Li - after 3 Runs could Change to 21K 3 gruns Lioff.	5258	1450	1630	1703	990	1580	1690	1113
	5259	1450	1577	1703	1010	1593	1653	1117
Dup 5244 21K 4 Lioff after 3 Cacdrum change to. 21K 3 Lioff.	5260	1467	1617	1690	1020	1583	1600	1267
	5261	1477	1617	1753	1000	1533	1600	1227
Dup 5244 - 21K 5 Lioff, after 3 Cacdrum change to 21K 3 Lioff	5262	1467	1580	1720	983	1580	1653	1127
	5263	1447	1567	1680	997	1580	1650	1150
Dup 5244 - 21K 6 Lioff after 3 cacdrum change to 21K 3 Lioff.	5264	1480	1567	1653	953	1590	1767	1117
	5265	1487	1577	1707	980	1647	1900	927
Dup 5244 21K 7 Li after 3 Cacdrum change to 21K 3 Lioff.	5266	1507	1550	1650	990	1617	1893	1040
	5267	1507	1553	1677	987	1617	1883	943
Dup 5244 21K 8 Lioff after 3 cacd runs change to 21K 3 Lioff.	5268	1497	1567	1657	993	1620	1957	893
	5269	1500	1553	1643	1023	1627	1767	917
Dup 5244 21K Salmonella Lioff, run 3 cacd drum change to 21K 3 Lioff.	5270	1483	1450	1487	1083			
	5271	1467	1450	1493	1097			
4 1/8 Intensifier Screens - 003 Slick Straight beam 21K 10% KCl Ionide	2.74 2.82 2.99 2.84	5272	1750	1792				

	150	½	H			
5256	1797	1857	993	1667	1943	963
5257	1797	1900	980	1580	1900	1017
5258	1733	1867	990	1593	1817	1083
5259	1600	1687	1227	1377	537	1057
5260	1687	1777	1113	1600	1757	1150
5261	1733	1867	1073	1600	1760	1133
5262	1687	1843	1067	1613	1850	1097
5263	1700	1837	1093	1533	1720	1137
5264	1667	1823	1107	1520	1787	1107
5265	1700	1890	1050	1580	1780	1143
5266	1533	1860	1100	1400	1700	1040
5267	1667	1833	1067	1513	1780	1070
5268	1600	1867	990	1533	1883	1067
5269	1600	1900	1083	1590	1883	1143

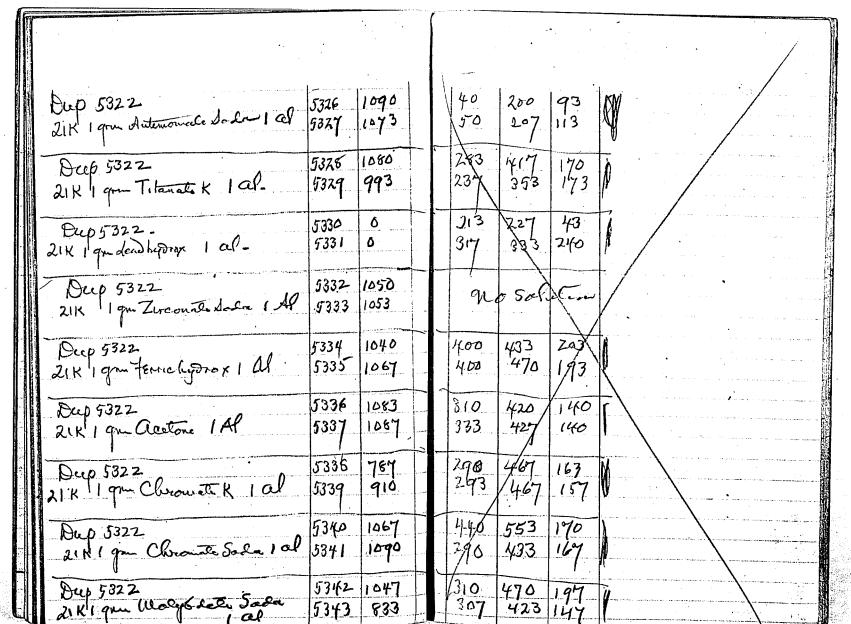
1723	1640	997	1610	1767	1000	
1683	1783	1023	1513	1723	1060	
1533	1673	1110				
1387	1590	1167				
1367	1510	1133				
1390	1520	1097				
1500	1670	1053				
1390	1587	1053				
1393	1583	1163				
1450	1637	1057				
1250	1490	1107				
1400	1597	1067				
1370	1583	1117				
1467	1663	1060				


Dup 5273 - 5/8 Tube Burst slightly
1/2 turn spiral
21K 10% KCl - 1 turn
Dup 5273 Except
003 slick 1/2 turn spiral
21K 10% KCl
Burst at 1 1/2 turn 2 turns
Dup 5272 1/2
003 slick 1 1/2 turns spiral -
21K 10% KCl
Dup 5272 003 1 turn spiral
Dup 5272 1 1/2 turn spiral
003
Dup 5272 2 turn spiral
003
Dup 5272 2 1/2 turn spiral
003
Lot 53 M flake
1350 Reg
1351 RA Reg
1352 Reg
7801
7876
7785
7845
7767
7888
5273
5274
5275
5276
5277
5278
5279
5280
5281
5282
5283
5284
5285
5286
5287
5288
5289
5290
5291
1307
1293
1177
1180
1167
1167
1200
1243
78 Reg 1/2 some kef
1847
1888
1642
1692
1583
1617
1675
1721
1796
1833
1693
1804
1721
1833
1733
1747
1767
1772
1696
1721
1310
1310
1330
1327
450
450
1267
1287
1283
1300
473
497
1243
1293
1273
1289
500
537
1293
1323
1307
1340
523
557
5279 - burst as it the height of the crack the crack was ground to 11 Half turns



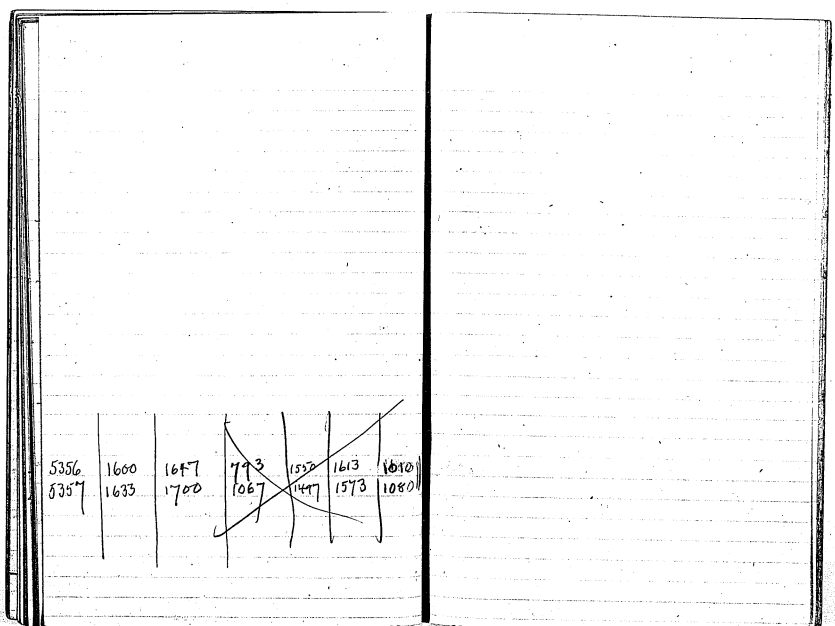
1353 Ref	7432	5292	1233	1300	1313	467	
	9693	5293	1200	1287	1300	467	
Gel block 622	8025	5294	1210	1290	1310	440	
248	8010	5295	1200	1333	1350	483	
Gel block 566 - sides		5296	1227	1290	1310	453	
233	7413	5297	1240	1333	1350	503	
	7420						
Gel block middle to 566		5298	1243	1297	1317	463	
232	7333	5299	1250	1247	1290	457	
	7338						
Gel block 601 -		5300	1040	963	1000	443	
194	6170	5301	1043	973	1000	403	
	6126						
Gel block		5302	1000	1000	1023	333	
Na_2SO_4 replaced by NaCl - 189	5955	5303	1020	983	1000	337	
	6002						
Gel block 610	5990	5304	800	953	957	343	
Na_2SO_4 replaced by calcium sulfate 189	5987	5305	800	910	917	343	
Gel block 611 -		5306	1117	1110	1120	387	
Na_2SO_4 replaced by $BaCl_2$		5307	1117	1133	1160	410	
6763							
6773							

Ra 1370 Expt 233	7225 7250	5308 5309	1150 1150	1260 1247	1280 1270	727 673	
Ra 1371 Expt 238	7241 7205	5310 5311	1207 1210	1277 1267	1293 1287	520 467	
Ra 1372 Expt 234	7312 7260	5312 5313	1213 1220	1303 1310	1320 1327	517 560	
Ra 1373 Expt 236	7193 7259	5314 5315	1220 1260	1310 1373	1330 1363	547 616	
Ra 1374 Expt 237	7245 7252	5316 5317	1223 1213	1333 1313	1357 1333	723 713	
Ra 1375 Expt 223	7020 7039	5318 5319	1207 1207	1320 1310	1340 1327	670 630	
Ra 1376 Expt 230	7171 7223	5320 5321	1193 1230	1277 1213	1297 1330	630 703	
1256 1 gm Alum to 60 ml w/ Expt cell 21K 1 gm Copolymer	7319 7346	5322 5323	1110 1093	490 490	477 493	160 190	
Dup 5822 21K 1 gm Ammonium ClK - 1 gm Al		5324 5325	1087 1100	167 233	323 418	133 160	



Dup 5322 21K 1 gm Antimonate Soda 1 al	5326	1090	40	200	93
	5327	1073	50	207	113
Dup 5322 21K 1 gm Titanate K 1 al.	5328	1080	283	417	170
	5329	993	237	353	173
Dup 5322 21K 1 gm dendhydroxy 1 al.	5330	0	213	227	43
	5331	0	317	333	240
Dup 5322 21K 1 gm Zirconate Soda 1 Al	5332	1050	No Solution		
	5333	1053			
Dup 5322 21K 1 gm Ferric hydrox 1 al	5334	1040	400	433	243
	5335	1067	400	470	193
Dup 5322 21K 1 gm Acetone 1 Al	5336	1083	810	420	140
	5337	1067	333	427	140
Dup 5322 21K 1 gm Chromate K 1 al	5338	784	298	407	167
	5339	910	293	467	157
Dup 5322 21K 1 gm Chromate Soda 1 al	5340	1067	440	553	170
	5341	1090	296	433	167
Dup 5322 21K 1 gm Molybdate Soda 1 al	5342	1047	310	470	197
	5343	833	307	423	147

Dup 5322	5344	1087		353	427	157			
21K 1 gm Molybdate K 1 al.	5345	1020		343	417	190			
Dup 5322	5346	1093		0	100	50			
21K 1 gm Silicate Potash 1 al	5347	1117		6	33	53			
Dup 5322	5348	1123		400	527	143			
21K 1 gm Silicate Soda	5349	1083		467	573	193			
Dup 5322	5350	50		400	423	210			
21K 1 gm Sulphur 1 al.	5351	0		400	420	150			
Dup 5322	5352	1067		43	473	90			
21K 2 gm $Co(C_2H_3O_2)_2$ 1 al	5353	1070		50	347	93			
Gelatine 621 12½% Ba(OH)$_2$.	5354	1343		617	627	867		burnt 3 plasm 3 Dumps	
21K saturated $LiOH$.	5355	1323		580	607	854		" 1 " 1 "	
Dup 5354	5356	1487		1667	1720	907	1617	1657	1133
21K Saturated $LiOH$ after 3 runs	5357	1480		1677	1720	930	1657	1707	1273
put in 21K 2 Li									
Gelatine 621 12% Ba(OH)$_2$.	5358	1420		1393	1407	1223			
25% K + 5 gm $LiOH$. dump 4 spaces	5359	1447		1420	1443	1240			
Under fe Max Temp 7424									
Dup 5358 7464	5360	1500		1323	1379	1257			
21K 6 LiOH.	5361	1463		1383	1407	1163			

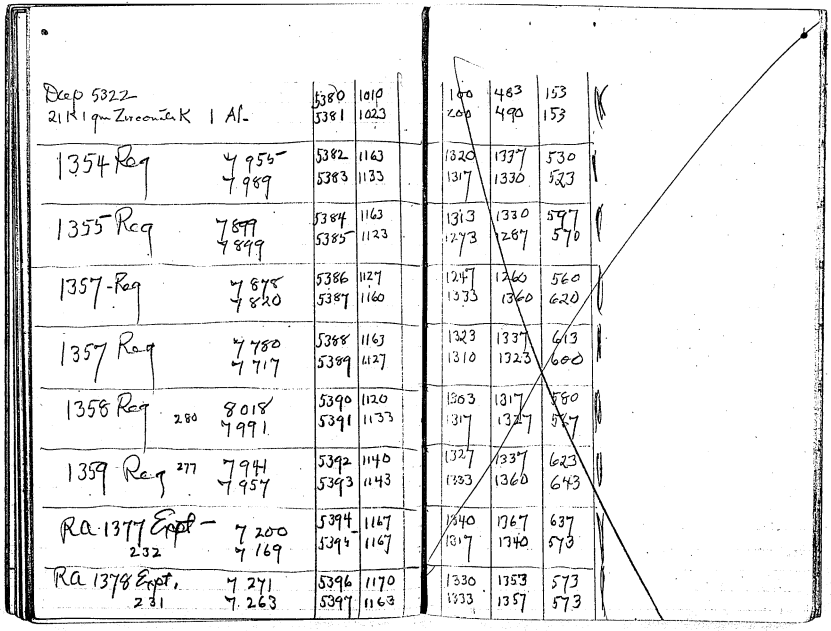

5356 1600 1657 793 1552 1613 1610
5357 1633 1700 1067 1447 1573 1080

Dep 5358	5362	1490	1043	1060	1197	Burnt 1 plates				
21K 7 Li	5363	1473	913	950	1050	" 10 "				
Dep 5358.	5364	1497	640	660	867	Burnt 7 plates				
21K 8 Li0	5365	1490	620	640	867	" 7 "				
Dep 5358.	5366	1493	417	437	620	" 8 "				
21K Saturated Li0	5367	1513	434	455	653	" 5 "				
Hydration 621 12½% Bi0H.	5368	1413	1690	1733	1693	1690	1753	1270	Burnt 5	
21K 5 Li0H after 3 mm change to	5369	1437	1710	1777	1022	1690	1760	1267	Over	
21K 2 Li - 48 gms then 4 gms) Tap 7443										
Dep 5368	5370	1467	1690	1750	1027	1707	1770	1117		
21K 6 Li - after 3 mm put in	5371	1450	1693	1767	1067	1660	1713	1000		
21K 2 Li										
Dep 5368	5372	1477	1643	1677	1167	1707	1763	1267		
21K 7 Li after 3 mm change	5373	1477	1683	1787	1077	1660	1663	1307		
to 21K 2 Li										
Dep 5368 -	5374	1447	1693	1840	1000	1667	1727	1307		
21K 8 Li0 - after 3 mm change	5375	1490	1680	1807	1067	1667	1763	1247		
To 21K 2 Li										
Dep 5368 -	5376	1483	1680	1827	1010	1653	1743	1263		
21K Saturated Li0H after	5377	1477	1680	1807	930	1640	1743	1263		
3 mm change to 21K 2 Li										
Dep 5322 - 21K 1 gm Titanate	5378	967								
dosed 1 gm Aluminum	5379	1043								

Rimmed 42 Feb

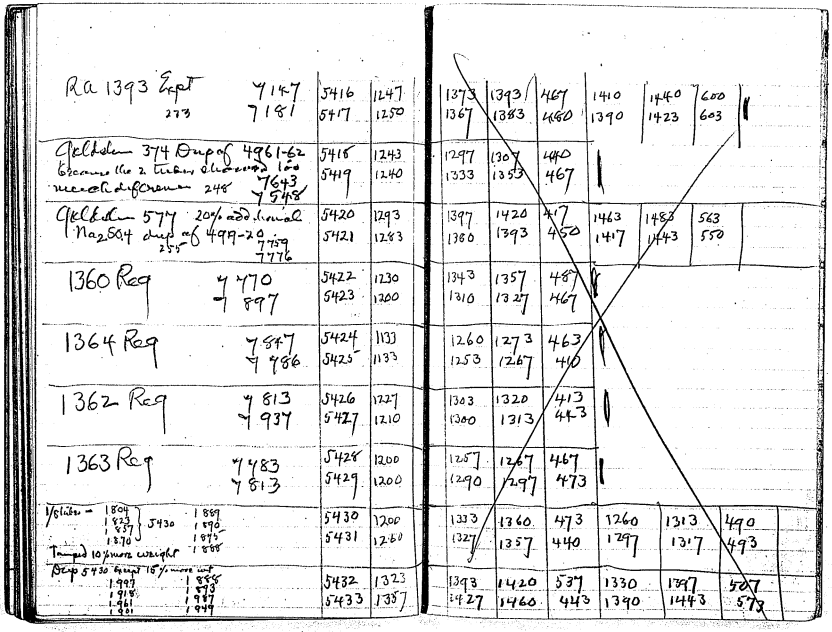
Headlight

5368	1420	1550					
5369	1463	1487					
5370	1707	1767	1653	1547	1633	1400	
5371	1623	1703	1110	1457	1573	1103	
5372	1653	1717	1077	1487	1557	1057	
5373	1583	1627	1077	1467	1540	1133	
5374	1580	1647	1117	1437	1520	1090	
5375	1627	1733	1077	1350	1503	1090	
5376	1600	1703	1063	1543	1653	1120	
5377	1623	1703	1077	1610	1777	1067	



Dep 5322		5380	1010	140	483	153	
21K 1gm Zirconia K 1 Al.		5381	1023	200	490	153	
1354 Reg	7956	5382	1163	1320	1337	530	
	7989	5383	1133	1317	1330	523	
1355 Reg	7899	5384	1163	1313	1330	597	
	7899	5385	1123	1273	1267	570	
1357 Reg	7875	5386	1127	1247	1260	560	
	7820	5387	1160	1333	1360	620	
1357 Reg	7780	5388	1163	1323	1337	613	
	7717	5389	1127	1310	1323	600	
1358 Reg 280	8018	5390	1120	1303	1317	580	
	7991	5391	1133	1317	1327	587	
1359 Reg 277	7941	5392	1140	1327	1337	623	
	7957	5393	1143	1333	1360	643	
RA 1377 Expt -	7200	5394	1147	1340	1767	637	
232	7169	5395	1167	1317	1740	573	
RA 1378 Expt.	7271	5396	1170	1330	1353	573	
231	7263	5397	1163	1333	1357	573	

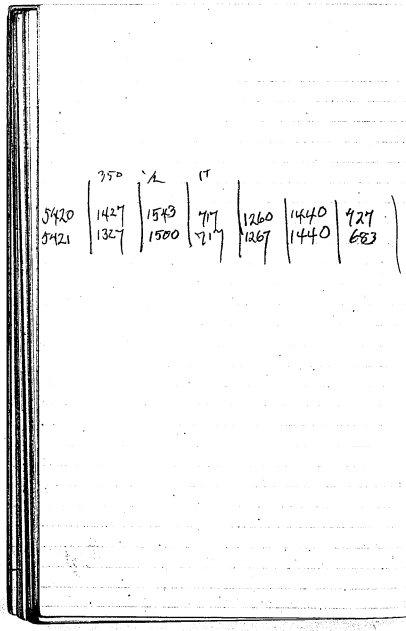
Ra 1379 Expt 233	7275	7258	5398	1140	1327	1347	583				
			5399	1157	1323	1337	553				
Ra 1380 - Expt 234	7296	7218	5400	1193	1333	1330	557				
			5401	1163	1327	1350	550				
Ra 1381 Expt. 229	7162	7080	5402	1127	1333	1360	617				
			5403	1117	1277	1297	647				
Ra 1382 Expt 233	7227	7265	5404	1150	1303	1323	727				
			5405	1153	1283	1310	727				
Ra 1383 Expt 229	7124	7093	5406	1130	1333	1363	673				
			5407	1133	1323	1340	660				
Ra 1384 230	7126	7102	5408	1150	1310	1323	470				
			5409	1160	1327	1337	470				
Ra 1385 232	7090	7056	5410	1213	993	993	373	1037	1050	510	
			5411	1200	1347	1367	560	1380	1393	583	
Ra 1391 (11642m) 254	7991	7994	5412	1210	1327	1340	410				
			5413	1210	1333	1347	413				
Ra 1392 Expt -	7283	7200	5414	1257	1347	1370	480	1393	1423	617	
			5415	1260	1367	1337	433	1380	1393	577	

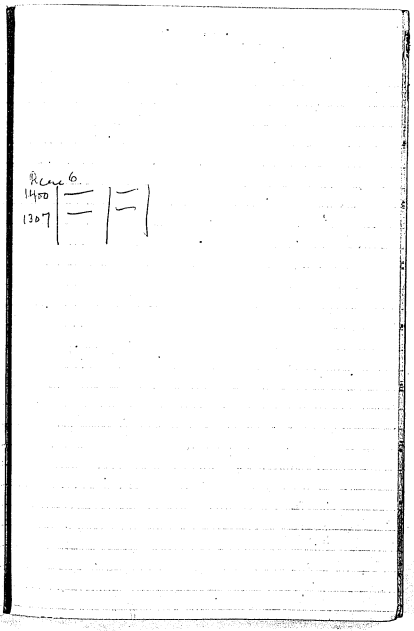

Ra 1393 Expt 7147 7181 5416 5417 1247 1250 1373 1367 1393 1383 467 460 1410 1390 1440 1423 600 603
Gelatin 374 Dup of 4961-62 Became the 2 tubes showed less mucoid difference 248 7643 7548 5418 5419 1243 1240 1297 1333 1307 1353 440 467
Gelatin 577 20% add'l Na2SO4 dup of 499-20 255 7759 7776 5420 5421 1293 1283 1397 1380 1420 1393 447 450 1463 1417 1483 1443 563 550
1360 Req 7470 7897 5422 5423 1230 1200 1343 1310 1357 1327 487 467
1364 Req 7847 7986 5424 5425 1133 1133 1260 1253 1273 1267 463 440
1362 Req 7813 7937 5426 5427 1227 1210 1303 1300 1320 1313 413 443
1363 Req 7483 7813 5428 5429 1200 1200 1257 1290 1267 1297 467 473
Yields = 1804 1823 1837 1870 5430 1859 1890 1895 1888
Tripod 10% max weight
Dup 5430 Equip 15% max wt 1.999 1.918 1.961 1.901 1.855 1.873 1.927 1.949 5432 5433 1323 1357 1393 1427 1420 1460 537 443 1330 1390 1397 1443 507 573
5430 1200 1260 1333 1327 1360 1357 473 440 1260 1297 1313 1317 490 493

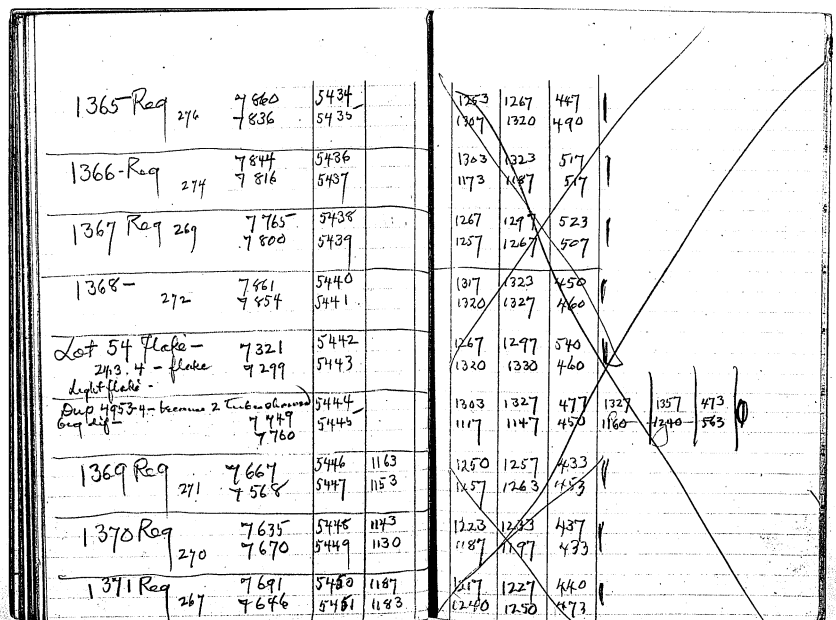
5420	1483	1513	700	1490	1527	663
5421	1447	1483	640	1467	1500	657
5430	1387	1460	517	1253	1377	470
5431	1437	1500	480	1293	1410	520
5432	1447	1533	487	1300	1417	543
5433	1460	1597	557	1320	1430	640

25° /2 TT

1417	1507	683	1430	1577	777	
1427	1490	673	1380	1507	717	
1210	1337	713	1183	1313	713	
1200	1343	814	1197	1320	816	


350
A
17
5420
5421
1427
1327
1543
1500
717
721
1260
1267
1440
1440
927
683


Rene 6
1450
1307



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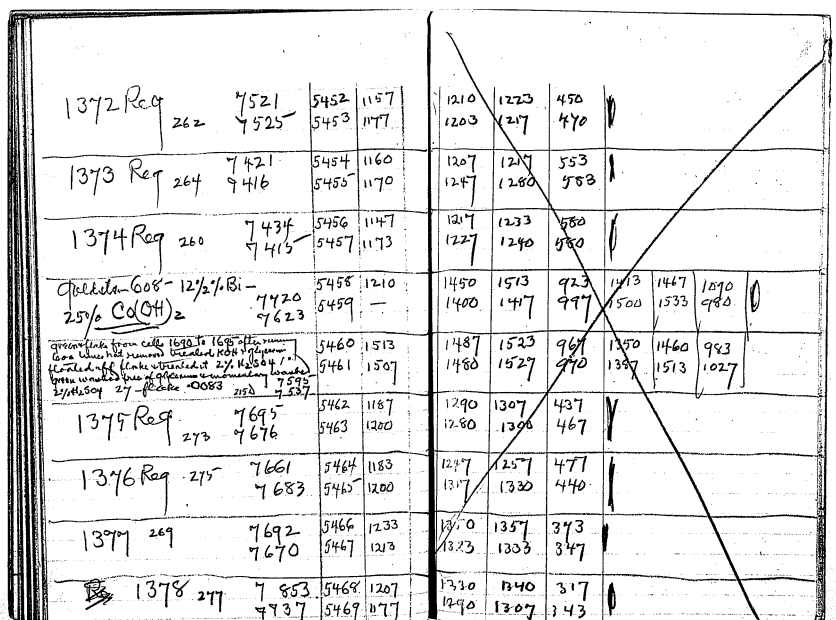


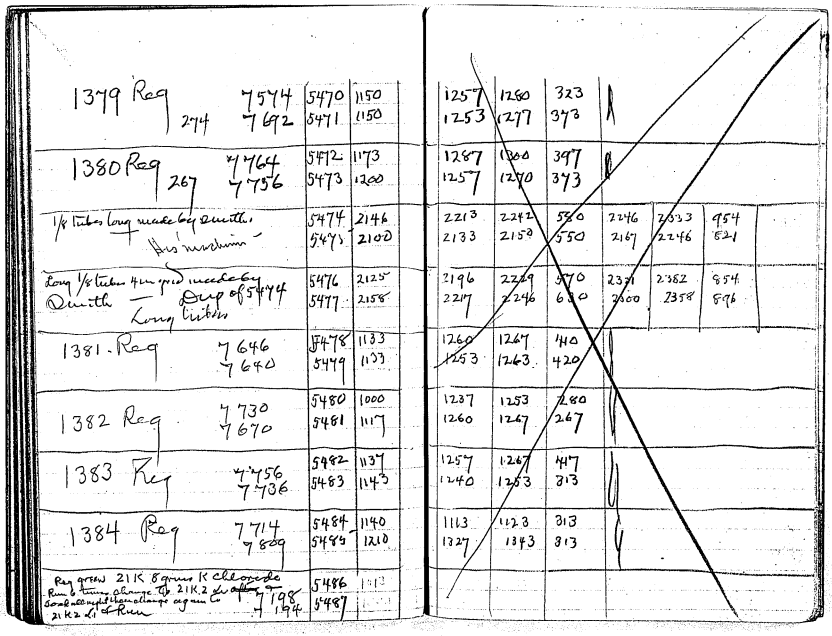
1372 Req	262	7521 7525	5452 5453	1157 1177	1210 1203	1223 1217	450 490						
1373 Req	264	7421 7416	5454 5455	1160 1170	1207 1247	1217 1280	553 583						
1374 Req	260	7434 7415	5456 5457	1147 1173	1217 1227	1233 1240	580 580						
Acetate 608 - 12½% Bi - 25% Cd(OH)2		7720 7623	5458 5459	1210 —	1450 1400	1513 1447	923 997	1413 1500	1467 1533	1090 980			
green flake from cells 1620 to 1695 after vacuum Coo Lbs. Hld removed treated KOH 7 days vacuum treated of flake separated at 2% K2SO4 / green washed free of gaseous ammonium hydroxide 2% H2SO4 27 - flecks .0083 215D		7595 7537	5460 5461	1513 1507	1487 1480	1523 1527	967 990	1350 1387	1460 1513	983 1027			
1375 Req	273	7695 7676	5462 5463	1187 1200	1290 1280	1307 1308	437 467						
1376 Req	275	7661 7683	5464 5465	1183 1200	1247 1317	1257 1330	477 440						
1377	269	7692 7670	5466 5467	1233 1213	1310 1323	1357 1303	373 347						
1378	277	7853 7937	5468 5469	1207 1177	1330 1290	1340 1307	317 343						

Note high hot two B's

150 1/2 ft.

5460	1320	1433	977	1167	1250	850
5461	1320	1440	1003	1173	1267	853

1267	1367	863	937	1020	847	
1297	1390	860	1073	1183	894	



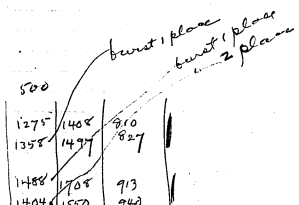
1379 Reg	274	7574 7692	5470 5471	1150 1150	1257 1253	1280 1277	323 373					
1380 Reg	267	7764 7756	5472 5473	1173 1200	1287 1257	1300 1270	397 373					
1/8 Tubes long made by Smith's Hes machine			5474 5475	2146 2100	2213 2133	2242 2159	580 550	2246 2167	2333 2246	954 821		
Long 1/8 tubes 4th grid made by Smith — Dup of 5474 Long tubes			5476 5477	2125 2156	2196 2217	2229 2246	570 600	2371 2400	2382 2358	854 876		
1381 Reg		7646 7640	5478 5479	1133 1133	1260 1253	1267 1263	410 420					
1382 Reg		7730 7670	5480 5481	1000 1117	1237 1260	1253 1247	280 247					
1383 Reg		7756 7736	5482 5483	1137 1143	1257 1240	1267 1253	417 313					
1384 Reg		7714 7809	5484 5485	1140 1210	1113 1327	1123 1343	313 313					
Reg grew 21K 8 grams K chloroside Reg 8 turns change to 21K 2 dr after 40 doubled with 8 gallons 21K 2 dr after		7798 7894	5486 5487									

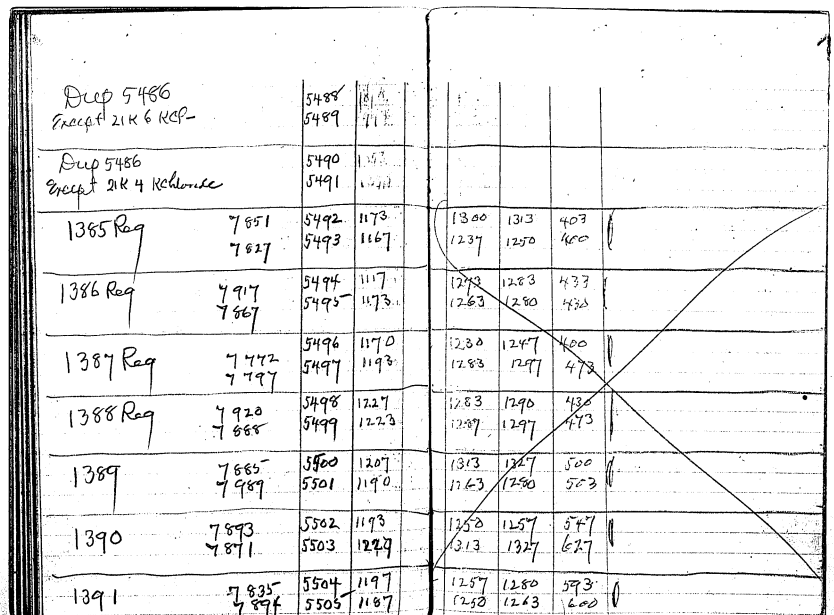
	150	½	H	200	½	H
5474	2233	2375	763	2046	2250	763
5475	2183	2313	709	2021	2240	913
5476	2313	2438	692	2171	2375	723
5477	2271	2425	746	2088	2308	710

240 ~~½ H~~

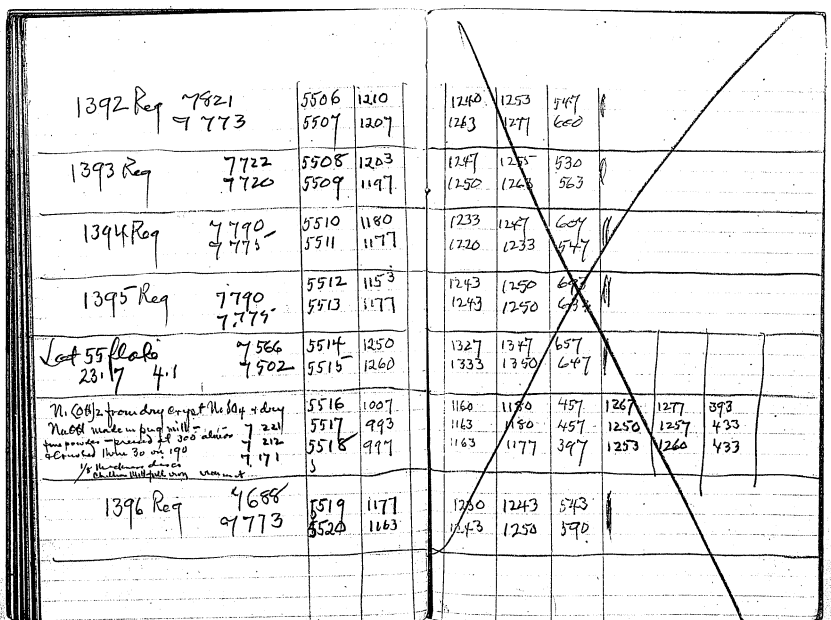
			300	½	H
1808	2008	946	1713	1946	1065
1821	2017	863	1717	1954	1030
1921	2129	858	1896	2100	1025
1935	2025	805	1813	1992	1040

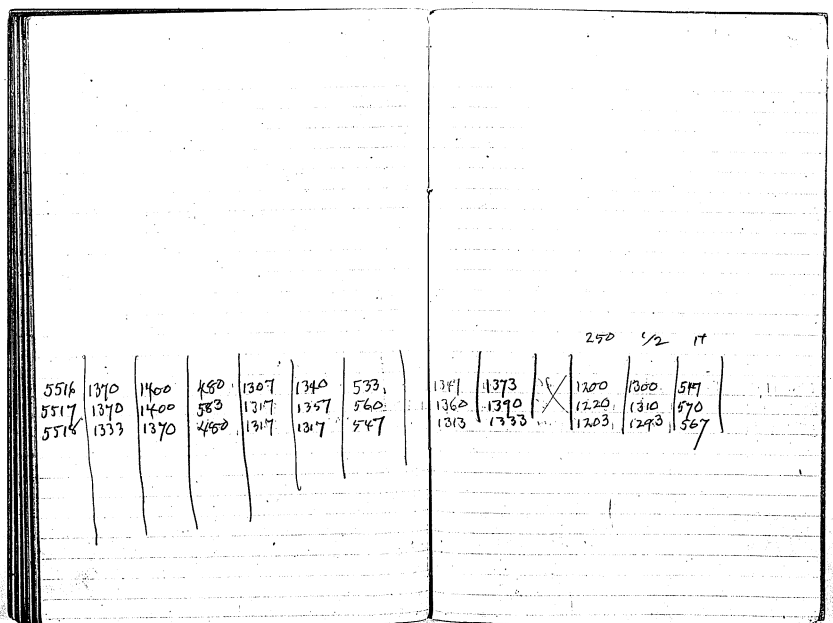
	350	½	N	400	½	N
5474	1633	1879	1017	1679	1871	1158
5475	1646	1871	1021	1604	1804	1063
5476	1821	1979	996	1775	1950	975
5477	1742	1908	1013	1758	1950	754

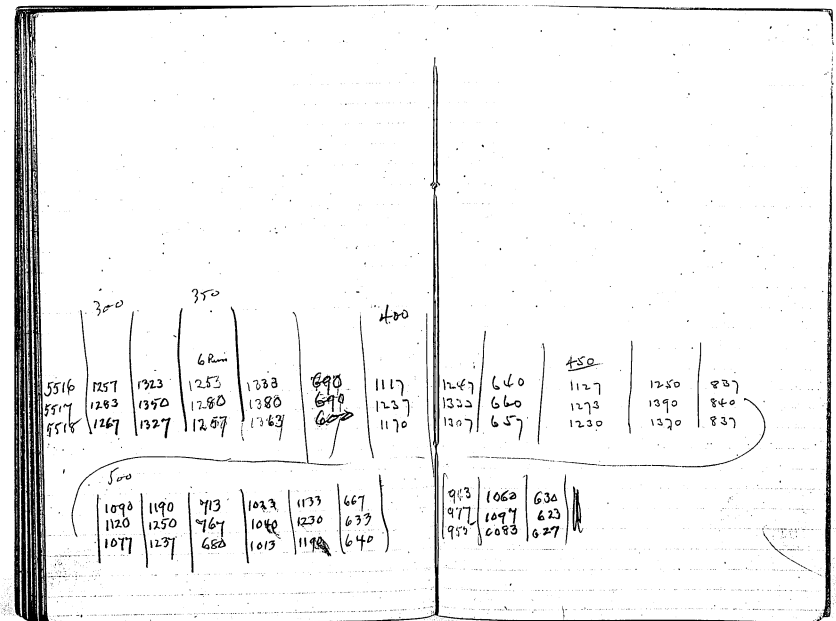


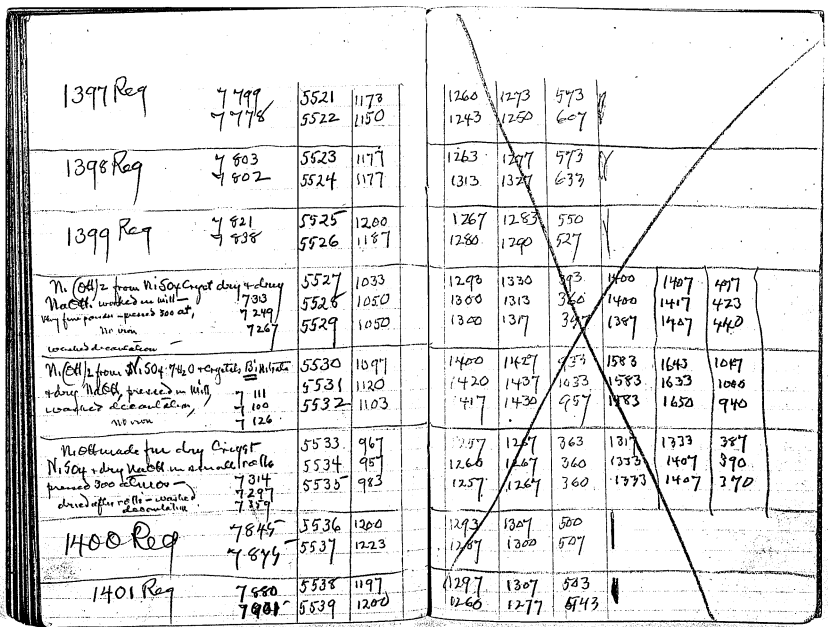


Dup 5486 Except 21K 6 RCP		5488	1184				
		5489	1173				
Dup 5486 Except 21K 4 Richmond		5490	1167				
		5491	1173				
1385 Reg	7851	5492	1173	1300	1313	403	
	7827	5493	1167	1237	1250	400	
1386 Reg	7917	5494	1117	1273	1283	433	
	7867	5495	1173	1263	1280	433	
1387 Reg	7772	5496	1170	1230	1247	400	
	7797	5497	1193	1283	1297	473	
1388 Reg	7920	5498	1227	1283	1290	430	
	7888	5499	1223	1287	1297	473	
1389	7885	5500	1207	1313	1327	500	
	7989	5501	1190	1263	1280	503	
1390	7893	5502	1193	1253	1257	547	
	7871	5503	1247	1313	1327	627	
1391	7835	5504	1197	1257	1280	593	
	7894	5505	1187	1250	1263	600	


1392 Req 7821 9773
5506 5507 1210 1207
1240 1263 1253 1271 547 660
1393 Req 7722 7720
5508 5509 1203 1197
1249 1250 1255 1248 530 563
1394 Req 7790 9775
5510 5511 1180 1177
1233 1220 1247 1233 604 547
1395 Req 7790 7.775
5512 5513 1153 1177
1243 1243 1250 1250 645 645
Lot 55 flake 23.17 4.1
7566 7502
5514 5515 1250 1260
1327 1333 1347 1350 657 647
Ni(OH)2 from dry & wet Ni slag + dry NaOH made in pug mill
7.221 7.212 7.171
5516 5517 5518 1007 993 997
1160 1163 1163 1180 1180 1177 457 457 397 1267 1250 1253 1277 1257 1260 393 433 433
1396 Req 4688 9773
5519 5520 1177 1163
1250 1243 1243 1250 543 590


250 1/2 14
5516 1370 1400 450 1307 1340 533
5517 1370 1400 583 1317 1357 560
5518 1333 1370 450 1317 1347 547
1381 1373 1200 1300 549
1360 1390 1220 1310 570
1313 1333 1203 1293 567


300
350
400
450
500
6 Runs
5516 1257 1323 1253 1288 690 1117 1267 640 1127 1250 887
5517 1283 1350 1280 1380 640 1237 1322 660 1273 1390 840
5518 1269 1327 1267 1363 600 1170 1307 657 1230 1370 837
1090 1190 913 1033 1133 667
1120 1250 964 1040 1230 633
1077 1237 680 1013 1190 640
943 1060 630
977 1094 623
955 6083 627



1397 Req
7499
7778
5521 1178
5522 1150
1260 1273 573
1243 1250 607

1398 Req
7803
7802
5523 1177
5524 1177
1263 1297 573
1313 1327 633

1399 Req
7821
7838
5525 1200
5526 1187
1267 1283 550
1280 1290 527

Ni(OH)2 from NiSO4 Crystal dry + dry NaOH, worked in mill
7393
7249
7267
No iron
worked decantation
5527 1033
5528 1050
5529 1050
1298 1330 573 1400 1407 497
1300 1313 560 1400 1417 423
1300 1317 567 1387 1427 440

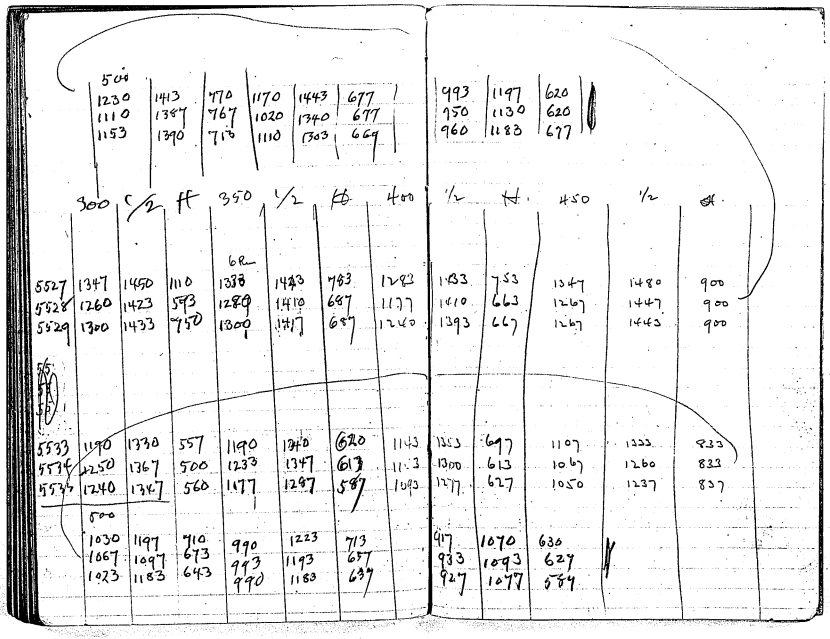
Ni(OH)2 from NiSO4·7H2O + crystals Ni Nitrate + dry NaOH, pressed in mill, worked decantation
7111
7100
7126
No iron
5530 1097
5531 1120
5532 1103
1400 1427 573 1583 1643 1017
1420 1437 1033 1583 1633 1086
1417 1430 957 1583 1650 940

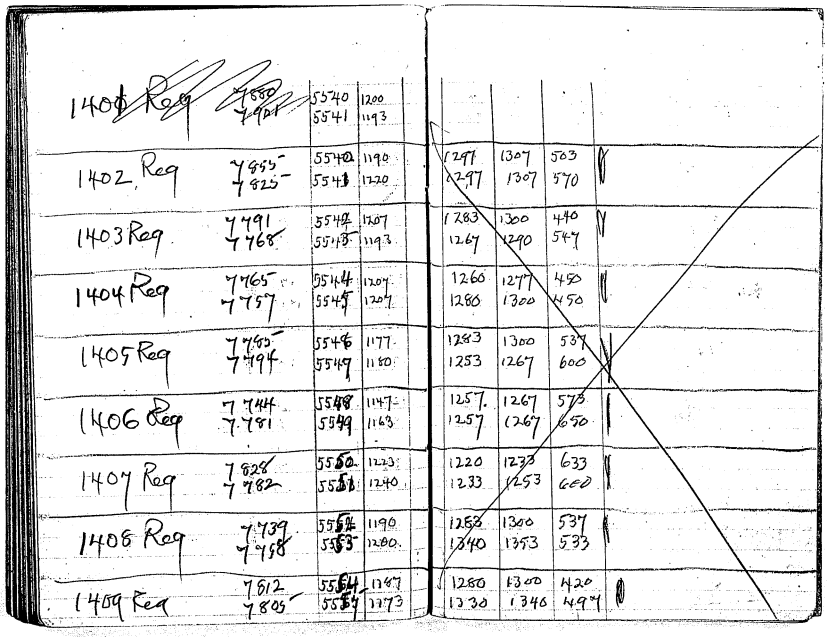
Ni OH made for dry Crystal Ni SO4 + dry NaOH in attritor rolls pressed 300 tons
7314
7297
7377
5533 967
5534 957
5535 983
1287 1297 363 1317 1373 387
1266 1267 360 1333 1407 390
1257 1267 360 1333 1407 370

1400 Req
7845
7845
5536 1200
5537 1223
1293 1307 500
1267 1300 507

1401 Req
7880
7901
5538 1197
5539 1200
1297 1307 583
1260 1277 543

5527	1527	1550	583	1427	1483	570	1473	1507	X	1333	1447	607
5528	1517	1530	560	1397	1473	557	1447	1497		1320	1447	603
5529	1520	1550	603	1438	1493	592	1480	1510		1357	1433	643
5530	1600	1723	1033	1317	1650	1103	1577	1637	X	1423	1557	1137
5531	1597	1740	910	1533	1697	1060	1627	1690		1517	1640	1017
5532	1600	1733	1007	1437	1690	1050	1613	1683		1467	1620	1047
5533	1433	1467	477	1313	1377	503	1360	1417		1250	1340	580
5534	1433	1467	450	1320	1387	463	1373	1383		1263	1367	560
5535	1427	1443	447	1317	1377	493	1360	1390		1213	1303	503





1400 Reg	7880 7944	5540 5541	1200 1193				
1402 Reg	7855 7825	5542 5543	1190 1220	1297 1297	1307 1307	563 570	
1403 Reg	7791 7768	5547 5548	1207 1193	1283 1267	1300 1290	440 547	
1404 Reg	7765 7757	5544 5545	1207 1204	1260 1280	1277 1300	450 450	
1405 Reg	7785 7794	5546 5549	1177 1180	1283 1253	1300 1267	537 600	
1406 Reg	7744 7781	5548 5549	1147 1163	1257 1257	1267 1267	573 650	
1407 Reg	7828 7782	5550 5551	1223 1240	1220 1233	1233 1253	633 660	
1408 Reg	7739 7758	5552 5553	1190 1200	1253 1340	1300 1353	537 533	
1409 Reg	7812 7805	5554 5553	1147 1173	1280 1330	1300 1346	420 494	